ABSTRACT OF THE DISCLOSURE

The principles of the present invention relate to dynamically determining directions of freedom for control points used to represent graphical objects such as text. A computing system identifies a first function that represents a first constraint, solutions to the first function indicating compliance with the first constraint. The computing system calculates, based on the location of a control point and the identified first function, that the control point does not comply with the first constraint. The computing system automatically determines a first direction of freedom in which the control point can be moved to comply with the first constraint such that movement of the control point in the first direction of freedom has a reduced likelihood of causing non-compliance with other constraints.

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